1615
TFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, Alexandria, Virginia, 22313-1450 on November 18, 2005.

Rosalie A. Centeno

Rosalie A. Centeno Secretary

In the Application of Rolf Plotz

Ser.No.: 10/531,503

Filed: April 13, 2005

For: METHOD AND DEVICE FOR WEDING RAILS WITH HEAT TREATED HEAD USING SEPARATE ALLOY ADDITIVES

Customer Number: 30996

Commissioner of Patents

Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 CFR § 1.56, Applicant wishes to call the attention of the Examiner to the following references:

1) US 6,227,282 (corresponds to DE 196 37 283)
2) US 2,977,651
3) FR 1,561,465
4) CH 344 612
5) DE 198 19 706
6) DE 898 989
7) DE 1 901 366
8) US 3,189,959 (corresponds to DE 1 201 156)

Reference 1 is discussed in the instant specification for this application on page 1.

References 2 – 4 have been cited in the International Search Report and are submitted in order to provide the Examiner with easy access to said references.

Reference 5, discloses a mold, for casting an intermediate rail section that has risers (25) for the head sides with the under side cross section surfaces at the lower edges of the head flanks of the rail head (8). The risers extend upwards from the edges to give an entry cross section at the risers into the molding zone, according to the thickness of the reail web (7), to meet the expression 0.6 hL <= A <= 3.75 hL, where h is the height of the rail head, L the width of the welded joint and A the surface of the entry opening cross section.

Reference 6, discloses a method for adding steel-forming and steel-quenching and-tempering metals and/or metalloids to the iron that forms during alumino-thermal reaction. The invention is a method for the addition of steel-forming and steel-quenching and – tempering metals and/or metalloids to iron that forms during alumino-thermal reation in particular for rail welding. These metals and/or metalloids are located in a recess in the upper part or on the bottom of the casting mold surrounding the substance to be welded.

Reference 7, discloses a device for inoculating, alloying, or the like, cast metal. The invention is a device for inoculating, alloying, or the like, cast metal. A body that contains inoculant granulate and/or alloying element and that can be dissolved by the melt is arranged in the inlet for the melt and/or in the space to be filled by the melt.

Reference 8 is in the English language and therefore needs no further discussion as to its relevance.

Copies of the listed documents, with the exception of any US Patent references, are submitted herewith along with the form PTO-1449.

It is respectfully requested that any fees required and not enclosed herewith or any

shortages in any fees be charged to Deposit Account 02-1653.

Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,

Robert W. Becker, Reg. No. 26,255
for the Applicants
Robert W. Becker & Associates
707 Hwy 66 East, Suite B
Tijeras, NM 87059
Telephone: (505) 286-3511
Telefax: (505) 286-3524

RWB/rac
Enclosures

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Complete if Known	
CUSTOMER NUMBER: 30996	**Application Number**	10/531,503
	Filing Date	April 13, 2005
	First Named Inventor	Rolf Plotz
	Group Art Unit	
	Examiner Name	
	Attorney Docket No.	AZ 44 1 US

U. S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Patent Number Pub. Number	Issue Date Pub. Date	Patentee	Class	Subclass	Filing Date
	1	6,227,282	5/8/2001	Kuster et al			9/12/1997
	2	2,977,651	4/4/1961	C. L. J. Boutet			2/26/1958
	8	3,189,959	6/22/1965	Wilhelm Ahlert et al			12/27/1963

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	3	FR 1,561,465	15 Feb 1968	France				X
	4	CH 344 612	11 Aug 195	Switzerland				X
	5	DE 19819706	28 Oct 1999	Germany			X	
	6	DE 898 989	8 Jul 1949	Germany			X	
	7	DE 1 901 366	06 Aug 1970	Germany			X	

OTHER PRIOR ART B NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	

Examiner		Date	